

Answers to Mixed Practice of Direct and Inverse Variation

- 1) 185 lb needs 127.5 mg
- 2) 142 lb needs 355 mg
- 3) 4 helpers are needed for 6 min
- 4) 9 in pulley turns at 500 rpm
- 5) 40 lb child needs 10 mg
- 6) 7 people take 5 days
- 7) 40 mi/hr takes 2.5 hr
- 8) 15 ft is the measure of the wall
- 9)  $11\frac{2}{3}$  ft or 11 feet and 8 inches is the measure of the wall
- 10) 18 in pulley turns at 500 rpm